

CAPILNA, Anei, ing.

Manufacture of high quality kid leather. Industria usoara 9
no.7:253-257. J1 '62.

MARCUS, Sergiu, ing., laureat al Premiului de Stat; CAPIINA, Ana, ing.

Splitting after chroming. Industria usoara 10 no.10:417-422
0'63.

MOGA,A.,Academician; HARAGUS,St.; ORHA,I.; SUCIU,I.; BUTNARIU,M.;
CAPILNA,S.; OPINCARU,A.

Value of the biochemical syndrome in diagnosis and interpretation
of atheromatosis. Probl. card.,Bucur. 4:21-34 '59.

(ARTERIOSCLEROSIS, diagnosis)

(CHOLESTEROL, blood)

(LIPOPROTEINS, blood)

(LIPIDS, blood)

HARAGUS, St.; MORARIU, G.; UZA, G.; CAPILNA, St.

The influence of a diet rich in milk fats on serum lipids. Rumanian
M Rev. no. 3:20-23 J1-S '60.

(LIPIDS blood) (DAIRY PRODUCTS nutrition & diet)

(LIPOPROTEINS blood)

HARAGUS, St., dr.; MORARIU, G., dr.; UZA, G., dr.; CAPILNA, St., chimist

Influence of a diet rich in milk fats on serum lipids. Med.
intern., Bucur. 11 no. 5: 719-726 '60.

1. Clinica I medicala Cluj, director: acad. Aurel Moga.
 (LIPIDS, blood)
 (MILK)
 (FATS)
 (DIET)
 (CHOLESTEROL, blood)

CAPILNA, S.; GORUN, Victoria

Rapid micromethod for determination of serum lipids. Med.
int., Bucur. 12 no.1:147-150 Ja '60.

1. Lucrare efectuata la Catedra de biochimie I.M.F., Cluj.
(LIPIDS, blood)

MANTA, I., prof.; BEDELEANU, D.; CAPILNA, S.; MURESAN, Letitia; GORUN,
Victoria

On certain biochemical changes in experimental atherosclerosis.
Rumanian M Rev. no.1:181-182 Ja-Mr '61.

1. The Chair of Biochemistry of the Medicopharmaceutical Institute,
Cluj, Head of the Chair: Prof. I. Manta.

(ARTERIOSCLEROSIS chemistry) (LIPIDS metabolism)
(COPPER metabolism) (COENZYMES metabolism) (NITROGEN metabolism)

VASILESCU, V.; NICULESCU, V.; CAPILNA, S.; BORDEIANU, Aurelia; GHIZARI, Eugenia

Experimental investigations on the biochemical composition and biological effects of some liver extracts. Studii cerc fiziol 6 no.2:229-235 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2.Redactor responsabil adjunct, "Studii si cercetari de fiziologie" (for Vasilescu).

(LIVER) (METABOLISM)

CAPILNA, S.

Synthesis of ATP, and analysis of some synthetic products; AMP, ADP, and ATP. Studii cerc fiziol 6 no.2:353-360 '61.

1. Institutul de biochimie Max Planck, Universitatea din Munchen.
Director: prof. dr. F. Lynen (Indrumator stiintific: dr. G. Hartmann).

(NUCLEOTIDES) (ADENOSINE TRIPHOSPHATES)

CAPILNA, S., ~~cercetator~~ principal; SERBAN, M., cercetator principal

The 5th International Congress of Biochemistry. Studii cerc
biochimie 5 no.1:121-129 '62.

1. Institutul de fiziologie al Academiei R.P.R. (for Capilna).
2. Institutul de biochimie al Academiei R.P.R. (for Serban).

CAPILNA, S.

A biochemical study of the chyle depending on the feeding of a woman with malformation of genital organs. Studii cerc fiziol 6 no.1:149-156 '61. (EEAI 10:9)

1. Catedra de biochimie a Institutului medico-farmaceutic, Cluj.

(CHYLE) (GENITALS, FEMALE) (FOOD)

CAPILNA, S.; ABABEI, L.; GHIZARI, Eugenia; STEFAN, Maria

Changes in anorganic pyrophosphatase enzymatic activity of the liver and brain of rats treated with molybdenum and tungsten ions. Fiziol. norm. pat. 10 no. 5: 445-447 S-O '64.

1. Institutul de fiziologie normala si patologica "D. Danielopolu" al Academiei Republicii Populare Romine.

BRUDA, P., conf.; BERARIU, T., dr.; SIMPLACEANU, L., dr.; GOSA, C., dr.;
CHIOREANU, V., chim.; CAPINA, S., chim.

Contribution to the study of the metabolism disorders in urinary
lithiasis. Med. intern., Bucur 12 no.12:1795-1804 D '60.

1. Lucrare efectuată la Clinica urologica Cluj (director, conf.
P. Brude), catedra de biochimie Cluj (prof. I. Manta), catedra de
anatomie patologică Cluj (prof. A. Muresanu), catedra de bacteriologie
Cluj (prof. Gh. Badenschi), catedra de fizica medicala Cluj (conf.
R. Opreanu).

(URINARY CALCULI etiology) (NEPHRITIS complications)
(KIDNEY metabolism) (BLOOD PROTEINS)

CAPINSKA, Krystyna

CAPINSKA, Krystyna

Results of control of fungus infections in 1951 in the Krakow region. Przegl. dermat. 4 no.2:161-165 Mr-Apr '54.

VOIVOD OUT-PATIENT CLINIC FOR VENEREAL + DERMATOLOGICAL DISEASES, Krakow
1. Z *[Wojewodskiej Przychodni Skorno-Wenerologicznej w Krakowie.]*
Dyrektor: dr. Z. Capinski. i z Kliniki Dermatologicznej Akademii Medycznej w Krakowie, Dyrektor: prof. dr K. Lejman.
(FUNGUS DISEASE, prevention and control,
*Poland)

CAPINSKA, Krystyna; HELWINOWA, Anna

Results of the treatment of skin diseases with chloromycetin.
Przegl. dermat., Warsz. 6 no.2:125-134 Mar-Apr 56.

1. Z Kliniki Dermatologicznej A.M. w Krakowie. Dyrektor: prof.
dr. E. Lejman, Krakow, Klinika Derm. A.M., ul. Kopernika 17.
(CHLORAMPHENICOL, therapeutic use,
skin dis. (Pol))
(SKIN, diseases,
ther., chloramphenicol (Pol))

OSZAST, Zbignier; ~~CARDISKA, Krystyna~~

First clinical applications of furaspor in the treatment of cutaneous fungus infections. Przegl. derm., Warsz. 8 no.4:411-417 July-Aug 58.

1. Z Wojewodzkiej Przychodni Dermatologicznej w Krakowie Dyrektor: dr Z. Capinski Z Miejskiego Zakladu Fizykalnego Lecznictwa w Krakowie Kierownik: prof. dr Z. Oszast. Adres: Krakow, ul. Sw. Marka 8.

(SKIN DISEASES, ther.

nitrofurfuryl methyl ether in fungus dis. (Pol))

(FURAN DERIVATIVES, ther. use

nitrofurfuryl methyl ether in fungus dis. of skin (Pol))

CAPINSKI, T. Zbigniew

Early syphilis treated with penicillin. Results of control after
10 years. Przegl. dermat. 49:313-317 '62.

1. Z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Krakowie,
Dyrektor: dr med. Z. Capinski.
(SYPHILIS) (PENICILLIN)

CAPINSKI, Tadeusz Zbigniew

Current status of the problem of gonorrhea. Przegl. dermat. 50
no.6:495-506 N-D'63

1. Z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Krakowie;
Ryrektor: dr.med. T.Z.Capinski.

*

CAPINSKI, Tadeusz Zbigniew; GINA, Jerzy; LAPINSKA, Janina

Attempts to introduce in Poland a new method for transporting gonorrheal specimens for culturing. Przegl. dermat. 51 no.2:175-179 Mr-Apr '64.

1. Z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Krakowie (Dyrektor: dr T.Z. Capinski) i z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Warszawie (Dyrektor: dr J. Lapinska).

CAPINSKI, Z.

Studies on the state of dissemination of syphilis in 1951. Przegl. dermat.,
Warsz. 1 no.1:28-34 June 1951. (CML 23:2)

CAPINSKI, Z.;STEPNIEWSKI, T.

Social significance of latent syphilis. Przegl. dermat., Warsz. 3 no.3:
261-264 July-Sept 1953. (GLML 25:4)

1. Of the Institute of Dermatology and Venereology (Director—J.
Suchanek, M.D.), Warsaw.

CAPINSKI, Zbigniew; WLODEK, Jan

Statistical analysis of patients with venereal diseases and of their contacts. Przegl. dermat. Warsz. 6 no.4:297-310 July-Aug 56.

1. Z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Krakowie
Dyrektor: d Z. Capinski, Adres: Krakow Klinika Dermatologiczna
Akademii, Wenerologiczna, Kanonicza 24.

(VENEREAL DISEASES, statistics,

analysis of infected patients & their contacts (Pol))

CAPINSKI, Zbigniew

Removal of various skin lesions by dermabrasion. Polski tygod. lek.
14 no.20:928-931 18 May 59.

1. (Z Wojewodskiej Przychodni Skorno-Wenerologicznej w Krakowie; dy-
rektor: dr med. Zbigniew Capinski).

(SKIN, surg.

abrasion, indic. & technic (Pol))

CAPISIZU, M., ing.; CODREANU, Al., ing.

Beneficiaries and the doers on the quality of the agricultural and zootechnic constructions. Constr Buc 16 no. 736:3 15 F'64.

1. Directorul Trustului Gospodariilor de Stat, Timisoara (for Capisizu).

VILCEANU, Sabin, student (Bucuresti); DRUGA, M.Gh., absolvent (Breaza);
ZAMFIRESCU, Tudor I., student (Bucuresti); CAPITAN, Gh.I., prof.
(Anina); LUSZTIG, Gh., elev (Timisoara); BAZACOV, Gh. (Tr.Severin)
GEORGESCU, Corneliu, prof. (Craiova); B. VITALYOS, Erzsebet (Cluj).

Solved problems. Gaz mat B 14 no.11:669-678 N°63

MUNTEANU, Romeo; IONESCU-TIU, C.; IACOB, E. St. (Brasov);
BEBEA, N. (Tirgoviste); VIOREL, Grigore (Eforie)
Capitan, Gh. I. (Anina).

Exercises and problems proposed for grades 5-8.
Gaz mat B 15 no. 6:270-272 Je '64.

1. Pedagogic Institute, Bucharest (for Munteanu).

DOBRE, Nelu (Buzau); CHITEI, Gh.A. (Deva); CAPITAN, Gh. I., prof. (Anina);
GRIGORESCU, D. Nicolae (Hirsova); NISTOR, Gh.V. (Buzau); MIHALASCU,
D., prof. (Pitesti); VELESCU, I. (Pitesti); DUMITRIU, C. (Focsani);
SIMON, Petre (Tirgu Mures); BAERA, B., prof. (Paunesti); COJOCARU,
Ion (Craiova)

Exercises and problems proposed for grades 5-8. Gaz mat B 16 no.1:
39-42 Ja '65.

CAPITANESCU, Ion

Raising all the workers to the medium level of the best achievements.
Munca sindic 7 no.518-11 My '63.

1. Presedinte al comitetului sindicatului de la Depoul-Suceava Nord.

SARAIMAN, Aurel: CAPITANU, Viorel

Presence of the Elephas meridionalis Nesti in the second terrace
of Bistrita (Racova-Buhusi). Anal St Jassy II 10:79-84 '64.

45648

Z/031/63/011/001/002/002
E073/E435

11210
AUTHORS:

Slavík, Jaroslav and Čapka, František

TITLE:

Explosive forming. Experience gained by
n.p. Strojírny první pětiletky, Kunovice

PERIODICAL: Strojírenská výroba, v.11, no.1, 1963, 6-9

TEXT: In the initial experiments a steel tube of 500 mm inner diameter was embedded in a piece of reinforced concrete of 1500 mm diameter, 1200 mm depth. The sheet to be formed was inserted as a liner, inside which was placed a PVC bag filled with water. A 100 mm rubber pad was placed at the bottom, below the PVC bag, to attenuate the vertical pressure during the explosion produced by a 100 g charge which was suspended on a wire and electrically detonated. The service life of the equipment was very low; cracks formed in the concrete immediately after the first explosion, which then propagated very rapidly during subsequent explosions. Several other systems, which were tried and proved unsuccessful, are briefly described. The developed mould system consists of a welded steel structure in which the part to be formed is placed at the bottom of the mould and the

Card 1/2

Explosive forming

Z/031/63/011/001/002/002
E073/E435

PVC bag containing the water and explosive is placed, inside a basket, above the mould and the sheet to be formed. The explosive charge is placed in the centre of the water volume. The PVC bag gets torn by the explosion and the water escapes sideways. Perfectly shaped components can be produced by this method. The authors also tried using as a mould an epoxy resin with steel powder as a filler in the ratio 1:1. Although the results were not satisfactory, the authors believe that serviceable moulds could be produced by better design and by improving the ratio of the filler material to the resin. Explosive forming has also been used for piercing holes of 6 mm diameter holes and of other dimensions in 1.2 and 1.5 mm thick steel sheet. The quality of the holes was perfectly satisfactory and no further machining was required. A dimensional sketch is given of the lay-out of a pit specifically designed for explosive-forming with the mould system developed by the authors. The duration of the working cycle is 10 to 15 min; the amount of labour required was reduced by 70% in one case and by 50% in another. There are 12 figures.

Card 2/2

1. 20435-66 EWP(+)/EWP(-) JD/LW
ACC NR: AP6009495

SOURCE CODE: CZ/0032/66/016/003/0234/0235

INVENTOR: Slavik, J. (Kunovice); Capka, F. (Kunovice)

ORG: none

TITLE: Explosive forming, CZ Pat. No. PV 4882-63, Class 7c

SOURCE: Strojirenstvi, v. 16, no. 3, 1966, 234-235

TOPIC TAGS: sheet forming, plate forming, explosive forming, forming equipment

ABSTRACT: This patent introduces equipment for explosive forming of differently shaped sheet and plate parts. The equipment (Fig. 1) consists of heavy steel

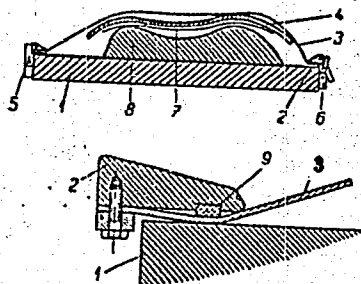


Fig. 1. Explosive forming device

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L 20435-66

ACC NR: AP6009495

plate 1, with clamps 6 and ring 2 connected to the plate by hinge 5. Sheet blank 7 is placed on top of die 8 resting on the plate and is covered with heavy rubber plate 4. All are then covered with thin rubber sheet 3, which is tightly clamped to the plate with ring 2 and sealing ring 9. The volume under rubber sheet 3 is evacuated and the whole unit is submerged in water, where the forming is performed. Orig. art. has: 1 figure. [DV]

SUB CODE: 13/ SUBM DATE: 03Spe63/ ATD PRESS: 4/222

Card 2/2

ULR

BA CAPKA, O.

2

1119. Polarographic reduction of rutin, quercetin, and morin.
O. Capka and J. Opavsky (Czech. Trav. chim., Tiskosl., 1980, 15,
433-438). Half-wave potentials of rutin (a glycoside of quercetin
and rutinoside), quercetin (3 : 5 : 7 : 3' : 4'-pentahydroxyflavone),
and morin (3 : 5 : 7 : 2' : 4'-pentahydroxyflavone), are
measured with the polarograph (against a saturated calomel
electrode). Reproducible results are obtained with tetraethyl-
ammonium hydroxide buffers and ethanol solutions. Observed
half-wave potentials are: rutin, pH 6.3 -1.46v., pH 7.65 -1.52v.,
pH 12.0 -1.67v.; quercetin, pH 6.3 -1.55v., pH 7.65 -1.615v.,
pH 12.0 -1.68v.; morin pH 6.3 -1.57, pH 7.65 -1.63v.; pH 12.0
-1.69v. The wave height varies linearly with the concentrations
of the compounds. The temp. coeff. of the wave heights have been
measured for quercetin and rutin.
E. J. H. Ruck.

C A CAPKA, O.

Polarography of coumarin. O. Capka (Palacky Univ., Olomouc). *Collection Czechoslov. Chem. Commun.* 15, 1955-71 (1950) (in English).—The reduction of coumarin from Britton-Robinson buffers gives a single wave, $E_{1/2} = -1.01$ to -1.68 v. vs. satd. HgCl at pH 4.4-7.5, -1.65 v. at pH above 7.5. With 0.1% coumarin in 0.2 M LiCl, $i_d/m^{1/2}$ vs. i_a is $+2.4$ %/degree between -3.87 and the temp. coeff. of i_d is $+2.4$ %/degree between 20 and 50° . The slope of a plot of $\log [i/(i_a - i)]$ vs. E_a is -46 mv.; it is therefore concluded that the reduction is reversible and requires 1 electron. Comparison of i_d for coumarin with those of acetophenone and benzophenone indicates a 2-electron reduction. A mechanism is proposed which, however, accounts for neither the qual. characteristics of the polarograms nor the observed $\Delta E_{1/2}/\Delta pH$. Louis Meites

CA

CHAPMAN, G.

Electrochemistry-7

7 The polarography of coumarin. O. Čapka (Palacký Univ., Olomouc). *Sborník Mezinárodn. Polarog. Sympo. Praha, 1st. Congr. 1981, Pt. 1., Proc. 690-701* (in Russian), 701-3 (in English); cf. *C.A.* 46, 4925f. — Coumarin is reducible at the dropping-llg electrode. The dependence of the half-wave potential on pH is not linear; the diffusion current reaches a max. at pH 6.70. Otto H. Müller

ČAPKA, O.

24(2,4) PHASE I BOOK EXPLOITATION CZECH/2433
International Polarographic Congress, 1st, Prague, 1951
Sborník I. Mezinárodního polarografického sjezdu. Díl 3: Hlavní
zprávy přednesené na sjezdu. Přeloženo... Vol 3: Reviews
Read at the Congress. Praha, Přírodovědecké vyd-vi [1952]
774 p. 2,000 copies printed.
Resp. Ed.: J. Koryta, Doctor; Chief Ed. of Publishing House:
Milan Skalník, Doctor; Tech. Ed.: Oldřich Dunka.
PURPOSE: The book is intended for chemists, chemical engineers,
and physicians.
COVERAGE: The book is a collection of reviews and original papers
read at the International Polarographic Congress held in Prague
in 1951. Uses of polarography in organic and inorganic analysis,
chemistry, medicine, and industrial chemistry are discussed.
In the section, Reviews Read at the Congress, Russian and
either German or English translations of papers are discussed.
presented in the section, Original Papers Read at the Congress,
only those translations in Russian, German, and English which
have not been published in Volume I are presented. The
following scientists participated in the opening of the
Congress: Professor Witor Kenda, Dean of the Faculty
of Science, Warsaw; Doctor Jaroslav Kozák, Minister
of Planning; Professor Jaroslav Kozák, Chairman of
the Congress; and Professor Jaroslav Kozák, Chairman of
of the Center for Scientific Research and Technical
Development. References follow each paper.

Frchlik, J. Polarographic Determination of Oxygen in Illuminating Gas	478
Jelinek, T. Use of Polarographic Methods in Control Analysis of the Treatment of Metal Surfaces	485
Zabransky, Z. Determination of Thallium in Biological Material [German Translation]	490 493 495
Doskocil, J. Polarographic Reduction of Hydrogen Peroxide in the Presence of Catalysts, That is, Complexes of Iron With Catechol, Pyrogallol and Ascorbic Acid	498
Majer, P., B. G. Simsek, and G. Schor. Polarographic Analysis of Benzoic Acid and Fthalic Anhydride	504
Čapka, O. Polarography of Coumarin	509

Card 7/1A

CZECHOSLOVAKIA

ZAPLETÁLEK, M.; GAPÁKOVÁ, I.; KOMENDA, S.; Psychiatric Clinic (Psychiatrická Klinika), Olomouc.

"The Influence of Thioridazine on the Catalase Activity in Serum of Schizophrenics."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 456 - 457

Abstract: Two groups of patients were investigated. In the first the duration of the disease was less than 3 years, with 14 of the patients suffering from schizophrenia. 1 with paraphrenia. In the second group there were 11 patients with a duration of the disease of more than 3 years. In the first group thioridazine substantially increased the serum activity of catalase; in the second group a distinct decrease in the activity was observed. Other possible causes of this fact, apart from the duration of the disease, are discussed. 1 Table, 4 Czech, 1 Russian reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jeseník, 18 - 22 Jan 66.

1/1

CAPKO, Gustav (Csehszlovákia); ARVA, György, dr. [translator]

Cosmic television? Ujtit lap 12 no.12;13 25 Je '60.

CAPKOVA, A. (Praha-Podoli, nabr. K. Marxe 157); VEDRA, B.

Asymptomatic bacteriuria in pregnant women. Cesk. gynek. 30
no.4:286-290 My'65.

1. Ustav pro péči o matku a dítě v Praze (reditel: doc. dr.
J. Horský, DrSc.).

CZECHOSLOVAKIA

CAPKOVA, A; FIRED, V.

1. Institute of Theoretical Bases of Chemical Technology, Czechoslovak Academy of Sciences; 2. Institute of Physical Chemistry of the Technical Higher School of Chemistry, Prague

Prague, Collection of Czechoslovak Chemical Communications,
Vol 8, 1963, pp 2235-2239

"Equilibrium Liquid-Steam XXX.. System of Vinylacetate
Acetic Acid."

MALOTA, H.; BEHOUNKOVA, L.; MARSALEK, E., technicka spoluprace CAPKOVA, A.

Participation of various microbial species in the development of
bronchial asthma of infectious allergic origin. Cas.lek.cesk 100 no.43:
1363-1366 27 0 '61.

1. Alergologicke stred. II interni kliniky PU v Olomouci, prednosta
doc. dr. Z. Kojeccky. Ustav lekarsky mikrobiologie, prednosta doc. dr.
E. Marsalek.

(ASTHMA microbiol)

FRIED, V.; CAPKOVA, A.; SUSKA, J.

Liquid-vapor equilibrium. Pt. 31. Coll Cz Chem 28 no. 12:
3171-3179 D '63.

1. Institut fur physikalische Chemie, Technische Hochschule
fur Chemie, und Institut fur theoretische Grundlagen der
chemischen Technik, Tschechoslowakische Akademie der
Wissenschaften, Prag.

CAPKOVA, A.; FRIED, V.

Liquid-vapor equilibrium in the tetrachlorosilane-trimethylchlorosilane system. Coll Cz Chem 29 no.2:336-340 F '64.

1. Institute of Theoretical Principles of Chemical Technology,
Higher School of Chemical Technology, Prague.

Jost, F. Capkova, A.; BAZANT, V.

Catalytic dealkylation of alkyl aromatic compounds. Pt.9.
Coll Cz chem 29 no.3:1883-1897 Ag '64.

1. Institut für theoretische Grundlagen der chemischen Technik,
Tschechoslowakische Akademie der Wissenschaften, Prague.

PRAT, Vladimir; BENESOVA, Dagmar; DEJDAR, Rudolf; CERVINKA, Frantisek
Technicka asistence: CAPKOVA, E.; DVORAKOVA, J.; KRAUSOVA, E.;
LANKISCH, A.

Experimental pyelonephritis. IV. Effect of dynamic disorders of
the ureter on renal excretion of E. coli in rabbits. Cas.lek.cesk.
99 no.44:1383-1389 28 0 '60.

1. Ustav pro choroby obehu krevniho v Praze-Krci, reditel akademik
Klement Weber. - Katedra patologicke anatomie a mikrobiologie
fakulty detskeho lekarstvi Karlovy university v Praze, prednosta
doc. MUDr. Dagmar Benesova. - Ustav pro klinickou a experimentalni
chirurgii v Praze-Krci, reditel prof. MUDr. Bohumil Spacek.
(ESCHERICHIA COLI INFECTIONS exper)
(PYELONEPHRITIS exper)

PRAT, Vladimir; KOCVARA, Svatopluk; CAPKOVÁ E. [technical assistant]

Evaluation of results after surgical treatment of polycystic kidneys
by separate glomerular filtration tests. Rozhl. chir. 40 no.6:383-389
Je '61.

1. Ustav pro choroby obehu krevniho v Praze Ustav pro klinickou a
experimentalni chirurgii v Praze.

(KIDNEY DISEASES surg) (KIDNEY FUNCTION TESTS)

PRAT, Vladimir; BENESOVA, Dagmar; CERVINKA, Frantisek; Technicka spoluprace
CAPKOVA, E.; DVORAKOVA, J.

Experimental pyelonephritis. VI. Relation between temporary ischemia
of the kidney and hematogenic colibacillus infection in rabbits. Cas.
Lek. Cesk. 101 no.12:361-366 23 Mr '62.

1. Ustav pro choroby obehu krevniho v Praze, reditel akademik K. Weber.
Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi
KU v Praze, prednosta doc. dr. D. Benesova. Ustav pro klinickou a
experimentalni chirurgii v Praze, reditel prof. dr. B. Spacek.

(PYELONEPHRITIS exper) (KIDNEY blood supply)
(ESCHERICHIA COLI INFECTIONS exper)

HATALA, M.; PRAT, V.; BENESOVA, D.; Technicka asistence: CAPKOVA, E.;
DIVIS, Z.; VIDMAROVA, H.; DVORAKOVA, J.; HUBKOVA, M.

Coli bacillus bacteremia in rabbits with normal kidneys. Cas.
lek. cesk. 102 no.27/28:768-772 8 JI '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, prednosta
prof. dr. B. Spacek Ustav pro choroby obehu krevniho v Praze,
prednosta doc. dr. J. Brod. Katedra patologicke anatomie a
mikrobiologie fakulty detskeho lekarstvi KU v Praze, prednosta
prof. dr. V. Kubelka.

(ESCHERICHIA COLI INFECTIONS) (SEPTICEMIA)
(PYELONEPHRITIS) (URINARY TRACT INFECTIONS)
(KIDNEY)

HORNYCH, A.; PRAT, V.; HEJL, Z.; DEJDAR, R.; Technicka asistence:
CAPKOVA, E.; TROUSIL, V.

Effect of aortography on kidney function with reference to
various contrast media. Cas. lek. cesk. 102 no.34:928-934
23 Ag '63.

1. Ustav pro choroby obehu krevniho v Praze, reditel prof. dr.
J. Brod, DrSc.

(ANGIOGRAPHY) (RENAL ARTERY OBSTRUCTION)
(HYPERTENSION) (KIDNEY NEOPLASMS)
(ADRENAL CORTEX NEOPLASMS)
(KIDNEY FUNCTION TESTS)

CAPKOVA, H.; HUDEC, S.; VOLF, M.B.

Contribution of the Association of Technical Glass Enterprises
to international standardization. Sklar a keramik 13 no.8:
220 Ag '63.

1. Vyvojovy ustav technickeho skla, Praha; Sdruzeni podniku
technickeho skla, Sasava.

CAPKOVÁ, Jirina

7/11/55
Removal of hypotensive substances from streptomycin solution. Josef Hoffman, Jirina Čapková, Miroslav Heřmauský, and Zdeněk Severa. Czech. 84,799, Nov. 1, 1955. Crude streptomycin sulfate (10 g., 475 units per mg.) with a content of hypotensive substances corresponding to 1700 γ histamine (I) was dissolved in 50 ml. water. After adding 3.3 g. powd. silica gel (II) the pH of the mixt. was adjusted to 7.5 with 10% NaOH and stirred 1 hr. It was filtered off and washed with water. The combined filtrates were adjusted to pH 0.6 with dil. H₂SO₄ and lyophilized. The product contained 0.2 γ I activity per 100 mg.

L. J. Urbánek

CAPKOVA-J.

Purification and isolation of basic antibiotics. Josef Hoffmann and Jitka Čapková. Czech. 84,779, Oct. 1, 1955. Basic antibiotics, especially streptomycin (I), are pptd. from dil. solns. with alk. salts of linear polymers or polycondensates, and the ppt. is then decompd. with a dil. mineral acid. Fermentation medium (15 l.) contg. 460 I units/ml. was acidified with 10% HCl to pH 2.0 and filtered. The filtrate was stirred 15 min. with 180 g. C, adjusted with NaOH to pH 6.0, and filtered again. To the filtrate contg. 450 units/ml. was added a 60% aq. soln. of polyvinylacrylic acid (II) until a ppt. ceased to form. The resulting ppt. was filtered off, washed with water, and suspended in 30 ml. water acidified to pH 2.0 with 10% HCl. After sepg. II by filtration, the soln. was neutralized by ion exchange and lyophilized to yield 15 g. I-HCl which assayed 398 units/mg. L. J. U.

med

2

CAPKOVÁ J.

Isolation of streptomycin on ion exchangers. Josef Hol-
man, Jitka Čapková, Miroslav Heřmanský, and Zdeněk
Severa. Czech. 85,067, Dec. 1, 1958. Neutral filtered
medium (30 l.) from submerged fermentation with *Strepto-
myces griseus* contg. 470 streptomycin (I) units/ml. was
passed over 500 g. of carboxylic cation-exchange resin. The
column was washed with water and eluted first with *N* H₂
SO₄ until the eluates reached pH 3 and then with 0.5*N* H₂
SO₄, taking 500-ml. fractions. The I-rich fractions nos. 5-11
were combined, decolorized with C, and neutralized with
CaCO₃ to pH 8. After adding 3 l. MeOH to facilitate re-
moval of CaSO₄, I sulfate was pptd. in the filtrate with 32 l.
MeOH, collected, and dried to yield 100.5 g. of a product
which assayed 620 I units/mg. (the yield was 94%).
L. J. Urbánek

CAPKOVA, J.; HRUZA, Z.

Functional individuality of liver lobes. Cesk. fysiол. 5 no.3:
283-287 1956.

1. Ustav pro vyskum vyziwy lidu, fysiologicke oddeleni, Praha.
(LIVER, physiology,
determ. of funct. individuality of lobes in rats (Cz))

CAPEKOVA, J.; HRUZA, Z.

Differences in the activity of the lobes of the liver.
Physiol. bohém. 5 no.3:269-274 1956.

1. Institute of Human Nutrition, Department of Physiology,
Prague.

(LIVER, physiology,
funct. variations of individual lobes)

USSR/Human and Animal Physiology - Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31899

Author : Capkova, J., Hruza, Z.

Inst :

Title : On the Difference in Function of the Lobes of the Liver.

Orig Pub : Ceskosl. fysiол., 1956, 5, No 3, 283-287.

Abstract : Ink introduced into the tissue of the spleen of rats dyed the left lobe of the liver in the course of $3\frac{1}{2}$ -10 minutes and in 45 minutes spread equally throughout the entire organ. Glucose (10 ml of a 6% solution) drunk by hungry rats accumulated more in the right lobe of the liver, in the course of the first hour and through 2-3 hours spread equally along all lobes. Blood issuing from the small intestine goes for the most part into the right lobe of the liver, not mixing with blood from other organs of the abdominal cavity.

Card 1/1

CAFKOVA, M.; SYOTKOVA, M.

"Nutritional value of the Czechoslovak flour,"

PRUMYSL POTRAVIN. Praha, Czechoslovakia. Vol. 6, no. 10, 1955

Monthly list of East European Accessions (EMAI), LC, Vol. 8, No. 6, Jun 59, Unclas

CA CAPKOVA-JIRKU, J.

A new synthesis of proline and hydroxyproline. Jitka Capkova-Jirků, J. V. Kořut, and M. Vondráček (Charles Univ., Prague). *Chem. Listy* 44, 19-21(1950).— $\text{ClCH}_2\text{CH}_2\text{CH}_2\text{Br}$ (I) and the Na salt of $\text{HCONHCH}(\text{CO}_2\text{Et})_2$ (II) gave di-Et (3-chloropropyl)formamidomalonate (III), m. 87°, which, on hydrolysis with NaOH, gave Na (3-chloropropyl)aminomalonate (IV). IV was cyclized by acidification with HCl and evapn. to DL-proline-HCl(V). BaCO_3 liberated DL-proline (Va) from V. II with epibromohydrin (VI) gave the γ -lactone of mono-Et (3-bromo-2-hydroxy-

propylformamidomalonate (VII), which yielded the Na salt of the lactone of (3-bromo-2-hydroxypropyl)aminomalonate (VIII). VIII and HCl gave hydroxyproline-HCl (IX) from which hydroxyproline (X) was liberated with BaCl_2 . Na (2.3 g.) in 45 ml. EtOH and 20.3 g. II gave the Na salt of II, to which was added 20.5 g. I, the mixt. refluxed 2 hrs., the NaBr removed, and the boiling mixt. contg. III treated with small portions of pulverized NaOH (2.5 g. in the course of 4 hrs.) to yield IV. After cooling, the mixt. was dissolved in 30 ml. water, the EtOH evapd., the residue dild. with 40 ml. water, acidified with concd. HCl, evapd. to dryness on a steam bath, the residue dissolved in concd. HCl, filtered, reprecip., kept in a desiccator over H_2SO_4 . Cryst. V dissolved in 20 ml. EtOH, dild. with 50 ml. water, the EtOH evapd., the mixt. treated with PbCO_3 , filtered, the filtrate evapd., extd. with 20 ml. 80% EtOH to remove undissolved glycine, and the ext. evapd. and Va purified as the Cu salt. III was usually not isolated. To prep. X, 2.3 g. Na, 45 ml. EtOH, 20.3 g. II, and 17.8 VI were heated 2 hrs. on a steam bath, the NaBr removed, and the mixt. treated with 1.5 g. pulverized NaOH and heated 6 hrs.; X was obtained and isolated in the same manner as Va. M. Hudlický.

CA

10

Esters of formamidesulfonic acid. J. Caphová-Jirků, J. V. Kobil, and M. Vondráček (Charles-University, Prague). *Chem. Listy* 64, 114-18 (1960).—The Na salt of $HCONH-CH(CO_2Et)_2$ (I) and $EtCH_2CH(CO_2Et)_2$ (II) gave $BrCH_2CH(CO_2Et)_2$ (III) and $EtCH_2CH(CO_2Et)_2$ (III), which with I gave $(OHCNH)(CO_2Et)_2$ (IV). Acidn. of Br to IV gave $(OHCNH)(CO_2Et)_2$ (IV). $CH_2=CHCH_2Br$ (VI) and I gave $CH_2=CHCH_2CH(CO_2Et)_2$ (VII), which with Br gave $CH_2=CHCH_2CH(CO_2Et)_2$ (VIII). The Mg salt of I and BuBr gave $BuCH_2CH(CO_2Et)_2$ (IX). Na (2.5 g.) in 45 ml. EtOH was treated with 20.5 g. I and 20 g. II and heated 30 min. on a steam bath. After removal of NaBr and EtOH 40% III, m. 49-50°, was pptd. with water from EtOH soln.; III is sol. in EtOH, Et₂O, and boiling water and insol. in cold water. In the same manner 55% IV, colorless needles, m. 64-5°, was prepd. from III and I by heating the mixt. 3 hrs. on the steam bath. IV is sol. in EtOH and Et₂O and insol. in water. Bromination of 2 g. IV in CCl₄ with 0.8 Br gave 68% V, m. 174°. VII was prepd. from I and VI with the same amts. of reagents as in the prepn. of III. The product was digested with hot water, VII (42.5%) sep'd. as an oil which formed crystals, m. 80-80.5° (from water). VII with Br in CCl₄ gave 75% VIII, m. 135-6°. VIII is sol. EtOH, Et₂O, and CHCl₃ and insol. in water. Mg (0.5 g.) was boiled 15 min. with 3 g. I in 20 ml. AmOH, an equiv. amt. of BuBr added, the mixt. heated 2 hrs. on the steam bath, the AmOH stripped off in vacuo, the residual oil digested with Et₂O, the ether evapd., and the oil dissolved in EtOH and poured into water; IX (37%) sep'd. as crystals, m. 101°. IX is sol. in EtOH and Et₂O and insol. in water. M. Hudlický

CAPKOVA-VODOVA, M.

CAPKOVA-VODOVA, M. Vitamins in the rye milling scheme. p. 365. Vol. 7,
no. 8, 1956. PRUMYSL POTRAVIN. Praha, Czechoslovakia.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

L 00165-66

ACCESSION NR: AP5025524

CZ/0043/65/000/005/0339/0352

AUTHOR: Leska, J. (Leshka, Ya.) (Docent, Candidate of sciences); Capla, M. ²³₅
(Chapla, M.) (Graduate chemist)

TITLE: Kinetic study of the mechanism of reaction of bromoacetic acid and Alpha-bromopropionic acid with some basic reactants

SOURCE: Chemické zvesti, no. 5, 1965, 339-352

TOPIC TAGS: brominated organic compound, acetic acid, ion, bromine, solution concentration, anion, reaction mechanism, chemical kinetics

ABSTRACT: [Author's summary]: Reaction of anions of phosphate buffer, anions of glycolic acid, and anions of lactic acid with anions of bromoacetic acid, and of alpha-bromopropionic acid was investigated. The mechanism of hydrolysis of these acids, and the restraining effect of the bromine ion upon the rate of hydrolysis in a buffered medium at pH around 7 is discussed. The reactions were measured by methods of polarography. The rates of reactions that were found show that the catalytic influences

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L 00165-66

ACCESSION NR: AP5025524

of the anions are small, and are noticeable only at higher concentrations of the anions. The restraining effect of the Br ion is shown strongly in higher concentrations of this ion.

Orig. art. has: 19 formulas, 8 graphs and 1 table.

ASSOCIATION: Katedra Organickej Chemie a Biochemie Prirodovedeckej Fakulty
Univerzity Komenského, Bratislava (Department of Organic Chemistry and Biochemistry,
Faculty of Natural Sciences, Comenius University)

SUBMITTED: 22Oct64

ENCL: 00

SUB CODE: OC, GC

NR REF SOV: 000

OTHER: 016

JPRS

Card ^{Kc} 2/2

CETIA, V.

"Automation of machine tools by means of tape recording prepared in advance."

NOVA TECHNIKA. Praha, Czechoslovakia. No. 4, 1959

Monthly list of East European Accessions (EEAI), IC, Vol. 3, No. 6, Jun 59, Unclass

BE; CAPLA, V.

"Programming in machine tool operation." p. 480.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 11, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

CAPLA, V.

"Computing machines in the Soviet Union." p. 483.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 11, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

85097

28.1000

1031, 1068, 1089

Z/006/60/000/041/004/006
E073/E535

AUTHOR: Čapla, V., Engineer

TITLE: A Cybernetic Machine Controls a Milling Machine.
Interpolator NL 1 Developed in Brno 14

PERIODICAL: Technické noviny, 1960, No.41, p.6

TEXT: The digital linear interpolator NL 1 is a special computer produced by the Jan Šverma Works, Brno on the basis of a project by the Výzkumný ústav matematických strojů v Praze (Research Institute for Mathematical Machines, Prague) for processing data for preparing control data for the movements of a milling machine or other types of machine tools. The designer prepares a drawing of the component, on the basis of which the technologist decides on the technology to be applied. If the operation involves programme control of machine tools, the technologist can be substituted by a specially trained operative who extracts the relevant data required for machining, as for instance, the speed of machining, the machine planes, e.g. plane X-Y, Y-Z etc. and records them in a special table. The information on the table is transformed into punched card instructions which are fed to the linear digital interpolator. The punched card passes through a Card 1/2

85097

Z/006/60/000/041/004/006
E073/E535

A Cibernetetic Machine Controls a Milling Machine. Interpolator NL 1
Developed in Brno

sensing head which "reads" the information and transforms it into electric pulses which control the movement of the machine in the two fundamental directions along the X and Y axes. The digital linear interpolator can be connected by means of seven wires with the controlled machine tool. This direct control is favourable if manufacture of an equal component is not repeated. Most frequently indirect control is applied by switching in a tape recorder between the digital linear interpolator and the machine tool. The pulses from the output of the digital interpolator are recorded on the tape recorder, stored and applied to the control equipment of the machine tool. The interpolator NL 1 has thirty tubes, 150 germanium diodes and about 100 relays. In the case of indirect control, a single interpolator can be used for controlling several machine tools. There are 3 figures.



Card 2/2

Z/048/62/000/006/001/002
D291/D304

AUTHOR: ^VCapla, V., Engineer, Member of the Cybernetics Commission, J.E. Purkyně Czechoslovak Medical Society

TITLE: Bionics - a new research trend

PERIODICAL: Věda a technika mládeži, no. 6, 1962, 190 - 191

TEXT: This popular science article describes some achievements in the field of medical cybernetics, namely a so-called "bio-hand" developed in the USSR, and an artificial muscle, developed in Switzerland, and briefly lists some other biological applications of cybernetics. The "biohand" was developed by workers of the Central Research Institute of Prosthetics and Artificial-Limb Designing in Moscow, under the direction of Doctor A.Y. Korbinskiy, in cooperation with the Mechanical Research Institute, USSR AS. This artificial limb, destined for persons with amputated hands and wrists, is operated by bioelectric currents originating at contractions of forearm muscles. These weak currents are amplified by a special transistorized amplifier

Card 1/2

Bionics - a new research trend

Z/048/62/000/006/001/002
D291/D304

which, including the power supply, weighs only 1.2 kg, and can be worn e.g. on the belt. The wrist-hand prosthesis weighs only 1.1 kg. Bionics -- the biological application of information theory is currently occupying workers of the Laboratory for Information Transmission Problems of the USSR AS, headed by A.A. Kharkevich, who have developed an experimental apparatus which discriminates individual sounds or even words, so that it would seem possible to build an automatic device which operates on 'spoken' orders. Soviet scientists have also succeeded in incorporating a live frog's eye into the model of a special automatic control system and in investigating the mutual reactions between a live sense organ and a 'dead' cybernetic machine. There are 5 figures.

Card 2/2

45588

Z/048/62/000/023/002/003
D287/D307

27.2400

AUTHORS: Čapla, V., Engineer and J.E. Purkyně, Member of the Czechoslovak Commission on Cybernetics of the Czechoslovak Medical Association

TITLE: Health machines

PERIODICAL: Věda technika mládeži, no. 23, 1962, 802

TEXT: This is a popular review describing the advantages of diagnostic pills (exact determination of the temperature in the vicinity of the appendix, acidity of gastric secretion, general physiological data). Tuberculosis and some types of carcinoma can be diagnosed by amplification of the radio signals. The second part of the article deals with radio transmitters which enable doctors to observe cardiac changes in sportsmen during training, even at a distance of several miles. The transmitter weighs approximately 1 lb. Electrocardiographs can be plotted in the laboratory or surgery by direct transmission from the training field or track. The transmitters are also used for the observation of pilots. A 'diagnostic

Card 1/2

Health machines

2/048/62/000/023/002/003
D287/D307

'combine', comprising eight different observation machines, was erected in the Institut matematiky Akademie věd Ukrajinské SSR (Institute for Mathematics of the Academy of Sciences of the Ukrainian SSR); 5 of these machines were designed by Škabarová, E.A., Fialko, A.I. and Rubašov, J.S., members of the Institute. This 'combine' records changes in the cardiac activity, e.g. pressure changes within the heart or the activity of the cardiac muscle; further the bioelectric potential of the brain, heart murmurs and low-frequency cardiac vibrations. There are 3 figures.

Card 2/2

CAPLA, V., inz.

"Electronic analogue computers" by H.Winkler. Reviewed by V.Capla.
Slaboprudy obzor 24 no.2:Suppl.:Literatura 24 no.2:L15 '63.

ALBERT, F.M.; MARCULETIU, V.T.; BRATEANU, V.; CAPLESCU, N.; STOIA, M.;
POPESCU-VALEANU, M.

Recovering vanadium from the catalyst of the contact sulfuric
acid industry. Bul Inst Politeh 26 no.1:41-47 Ja-F '64.

1. Laboratory of General Chemistry, Polytechnic Institute,
Bucharest.

KEDRA, Mieczysław, CAPLICKI, Sylwester

Simultaneous administration of strophanthin and calcium. Polski tygod.
lek. 13 no.10:346-351 10 Mar 58

1. Z Oddz. Chorob Wewn. Centralnego Szpitala M.O.N. kier., prof.
M. Kedra.

(CONGESTIVE HEART FAILURE, ther.

calcium gluconate & strophanthin, simultaneous admin.
(Pol))

(GLUCONATES, ther. use

calcium gluconate in congestive heart failure, simultaneous
admin with strophanthin (Pol))

(STROPHANTHIN, ther. use

congestive heart failure, simultaneous admin. (Pol))

CZECHOSLOVAKIA

PERLES, M; CAPLOVIC, J.

Institute of Organic Chemistry of the Technical High School
of Chemistry, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 6, 1963, pp 1434-1435

"Studies in the Pyridin Series VIII. On the High Pressure
Hydration of Nicotinic Acidic and Isonicotinic Acidic
Ethylenester."

CAPLIKAS, J.; KAPLANAS, O., red.; VYSOMIRSKIS, C., tekhn. red.

Kedainiai. Vilnius, Valstybine politines ir mokslines
lit-ros leidykla, 1963. 47 p. (MIRA 17:4)

KAPISINSKA, V.; CAPLOVIC, J.

Titration determination of diaminophenyl disulfide. Chem prum
14 no.2: 93-94 F'64

1. Chemicke zavody J.Dimitrova, n.p., Bratislava.

CAPO, V.

CAPO, V. Let us improve the quality of tobacco. p.4.

Vol. 9, no. 8, August 1955, Tirane, Albania, PER BUJQESINE SOCIALISTE

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

C Apota, Ch.

REMARKS/Chemical Technology, Chemical Products
and their Applications. Dyeing and Che-
mical Treatment of Textile Materials.

Abstr Jour : Ref Zhur-Khisiyev, No 6, 1959, 21895
Author : Roman, V.; Vekh, St.; Masov, M.; Kovacs, A.;
Capota, Ch.

Instr :
Title : Continuous Bleaching of Cotton Fabrics.

Orig Pub : II-a Conf. tekhn.-stist. a ind. usoro.
Textile [Bucuresti], XII, 1957, 268-277

Abstract : A continuous method for bleaching cotton
fabrics was developed by the authors. The
process consists of the following opera-
tions: impregnating of the material with
an alkaline solution, steaming, washing

Card : 1/3

with hot and cold water, treatment with
a NaOCl solution (for 20-30 minutes at
pH 10 and temperature 20°), washing with
cold water, treatment with an alkali so-
lution, washing with hot and cold water,
bleaching, washing with cold water, and
bleaching with NaOCl solution. The method
described in the industry of a bleaching
setup, which works by this method showed good
results according to indicators of the qua-
lity of bleaching of fabrics, mechanical sta-
bility, average degree of polymerization of
cellulose, and its hydrophylic nature. Advan-

Card : 2/3

M-761

tages of the system include simplicity of
setup, full mechanization of all operations,
reduction in working cycle from 3-4 days to
several hours, elimination of sizing and bol-
ling fabrics in kettles, improvement in labor
conditions, saving of steam and chemical pro-
ducts, and good and uniform quality of blea-
ched material. — G. Markus

Card : 3/3

CAPOTA, Ion, ing. (Bucuresti); PODANI, Elena, ing. (Bucuresti)

Polyurethan elastomer varnish for the protection of flexible cables
used in electric machines. Electrotehnica 11 no.3:108-111 Mr '63.

1. Cercetator principal la Institutul de Cercetari Electrotehnice
(for Capota).
2. Cercetator la Institutul de Cercetari Electrotehnice
(for Podani).

RUMANIA

616.155.392

BAIMUS, G., LUNGU, Micaella, NASTAC, Elizabeta, RUTTER, G., STOIAN, M., CAPOTA, Stela, and MANEA, Tanta, of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Experimental Studies in Murine Leukemia. X. The Pathogenetic Character of a Suspension of Human Fibroblast Cells Infected with Virus C57 for the Developing Chick Embryo."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 2, 66, pp 105-109.

Abstract: The authors found that a suspension of 1,000,000 human fibroblast cells inoculated in vitro with virus C57 brought about the death of developing chick embryos in 100 percent of the observed cases. Death occurred after 3 to 5 days; the lesions observed were of the infiltrative and particularly of the proliferative type.

Includes 7 figures and 10 references, of which 5 Rumanian and 5 English-language. -- Manuscript submitted 3 January 1966.

1/1

CAPOVA, H.; DUBANSKA, H.; HAHN, P.; HUTAK, D.; JILEK, J.; KOLDOVSKY, O.;
NECAS, O.; NOVAK, P.; SEJNOHA, L.; SPACEK, J.

The mount of total body fat determined by skin fold thickness in
males from 16 to 35 years. Cesk. gastroent. vyz. 15 no.7:540-555
N '61.

1. Fyziologicky ustav CSAV - Praha, Ustav letectvneho zdravotnictvi -
Praha, Vojensky ustav hygieny, epidemiologie a mikrobiologie - Praha.
(ADIBOSE TISSUES)

CAPOVA, L.

Recurrent parotitis in childhood, Cesk. otolaryng. 12 no.1:45-49
F '63.

1. ORL oddelenie Detskej fakultnej nemocnice v Bratislave, prednosta
MUDr. J. Breza.

(PAROTITIS)

SCHWALBOVA, M.; CAPOVA, L.

Sialosis as a manifestation of collagenosis in children. Cesk.
pediat. 18 no.2:110-113 F '63.

1. II. detska klinika Lek. fak. UK v Bratislave, prednostka prof.
dr. J. Michalickova ORL oddelenie Detskej fakultnej nemocnice v
Bratislave, prednosta dr. J. Breza.
(SALIVATION) (COLLAGEN DISEASES)

CAPOVA, L.

Contribution to the picture of sialolithiasis in childhood.
Cesk. otolaryng. 12 no.4:241-244 Ag '63.

1. ORL oddelenie Detskej fakultnej nemocnice v Bratislave,
veduci MUDr. J. Breza.
(SALIVARY DUCT CALCULI)

CAPOVA, L.

Pain in salivary gland diseases. Cesk. otolaryng. 14 no.5:
301-303 0 '65.

1. ORL oddelenie Detskej fakultnej nemocnice v Bratislave
(veduci doc. dr. J. Breza, CSc.).

CAPPON, O. ; TANASESCU, G.

Shoe with a differential device for automatic filling of the column at the time of introducing it into the well. p. 390. Petrol Si Gaze. Bucuresti. Vol. 6, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, No. 3, March 1956.

CAPRA, I.

CAPRA, I. Correction of the stability of the river passenger boat A. Saligau by means of lateral air pressure. p. 171.

Vol. 3, no. 5, May 1956.

REVISTA TRANSPORTURILOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

CAPRA, Iordan, ing.

Corrosion piercing of cylinder skirts in naval diesel engines. Rev
transport 10.no.3:115-119 Mr '63.

CAPRARESCU, P.

Cartea combinerului. Bucuresti, Editura Agro-Silvica de Stat, 1955.
301 p. (Book for the combine operator. 1st ed. bibl., disgrs.,
tables)

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2,
February 1956

CAPRARESCU, P., ing.

Operating the GR-4,2 rotative rake rationally. Mec electrif
agric 9 no.3:35-41 '64.

1. Station of Testing and Homologating Agriculture Machines,
Moara Domneasca.

VARODIN, V., ing.; IONESCU, G., ing.; JHISCAN, V., ing.; ~~CAPPARTIN, M.,~~
ing.; MARGARITESCU, D., ing.; NEGRESCU, V., ing.; CALOENESCU,
G., ing.

Aspects of the reflection seismic prospection in the
Moesian Platform. Petrol si gaze 15 no.10:529-541 0 '64.

CAPRARIU, F.

TECHNOLOGY

Periodicals: ELECTROTEHNICA. Vol. 6, no. 8, Aug. 1958

CAPRARIU, F. Testing the transformers with impulse voltage. p. 291

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

CAPRARU, R.

PORTOGAIA, R.; BOERU, V.; CAPRARU, R.

Studies of experimental herpetic hyperglycemia (induced hyperglycemia and hypoglycemia). Stud. cercet. inframicrobiol., Bucur. 8 no.3:341-348 1957.

- (ENCEPHALITIS, experimental
herpetic, causing hyperglycemia, comparison with glucose-induced hyperglycemia & eff. of insulin)
- (HERPES, virus
intracerebral inoculation causing encephalitis & hyperglycemia in rabbits, comparison with glucose-induced hyperglycemia & eff. of insulin)
- (HYPERINSULINISM, experimental
eff. on exper. herpetic encephalitis)
- (HYPERGLYCEMIA, experimental
induced by cerebral inoculation of herpes virus in rabbits, comparison with glucose-induced hyperglycemia)

COPILOVICI, Y.; CEBLEANU, M.; SAMUEL, J.; CAPRARU, R.

The electrophoretic study of the sera of rats exposed to experimental infection by influenza virus and treated with cortisone.
Stud. cercet inframicrobiol., Bucur. 10 no.2:199-206 '59.

1. Comunicare prezentata la Simpozionul asupra epidemiei de gripa.
Bucaresti, 4-5 decembrie 1958.

(INFLUENZA, experimental)

(CORTISONE, pharmacology)

(BLOOD PROTEINS, chemistry)

(HEMAGGLUTINATION, pharmacology)

BURDUCEA, O.; CEPLEANU, M.; CAPRARU, R.

The development of antibodies in white rats immunized against influenza, under the influence of radiations emitted by I-131 and P-32. Stud. cercet. inframicrobiol. Bucur. 12 no.1:137-142 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. la sesiunea de Radiobiologie si Radiologie.
(INFLUENZA immunology) (ANTIBODIES) (IODINE radioactive)
(PHOSPHORUS radioactive) (RADIATION EFFECTS experimental)

CAPRINI, Ion, ing.; CRISTEA, Carol, tehnician

We shall keep our obligation. Constr. Dec 16 no. 747: 3 1 May '64

1. Seful grupului de sntiere 103 Floiesti al Trustului nr.1
(for Caprini).

Country : Rumania M-7
 CATEGORY : Cultivated Plants - Plants for Technical Use.
 Oil Plants. Sugar Plants
 ABS. JOUR. : EEBiol., No. 19 1958 No. 87131
 AUTHOR : Caprinisan, Tr.; Apostol, V.; Stanescu, Z.; *
 INST. : Agricultural Research Institute
 TITLE : The Zoning of Cotton Plants in Rumania.

ORIG. PUB. : An. Inst. cercetari agron., 1957, 24,
 No 5, 305-348

ABSTRACT : In 1950-1952 comparative variety trials of 9 varieties of cotton plants were conducted in various cotton growing areas of Rumania. The variety Odessa 1 was used as controls. In addition to yields, a determination of agronomic, physical, and technological characteristics was made for each variety. In all the zones the best indices were exhibited by Soviet variety No 1298, which, due to the high yield of fiber produced the largest harvest (6-27% greater than all other varieties). In some individual instances this variety showed delayed opening of the bolls (1-3 days later than in early varieties), but because of more rapid maturation, it was ready for harvest at the same time as the earliest varieties, of those that

GARD: 1/2

COUNTRY : Rumania
CATEGORY :

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ABS. JOUR. : RZBiol., No. *19*, 195*8*, No. 87131

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : were tested. In the sum total of physico-mechanical properties, variety No 1298 was slightly surpassed only by S-3173 variety, and was equal to Odessa 1. Rapid propagation of No 1298 variety in all existing zones of cotton growing, in Rumania, is proposed.

D. B. Valdmistrov.

CARD: 2/2